

anti-Human, Mouse HDAC3 Antibody | anti-HDAC3 antibody

HDAC3 (Ab-424) Antibody

CATALOG # AAA111773	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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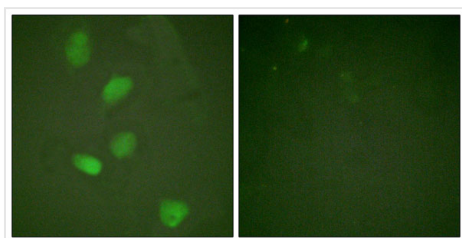
PRODUCT SYNONYMS

HDAC3; HDAC3 (Ab-424) Antibody; HD3; Histone deacetylase 3; RPD3-2; SMAP45; anti-HDAC3 antibody

PRODUCT SPECIFICATIONS

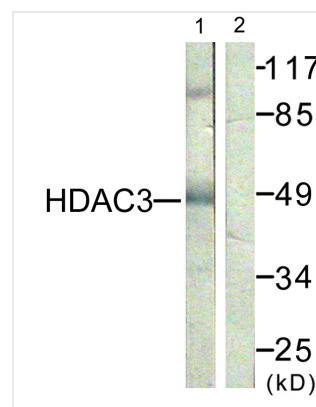
Reactivity	Human, Mouse
Specificity	HDAC3 (Ab-424) antibody detects endogenous levels of total HDAC3 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	428
Applicable Applications for anti-HDAC3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human HDAC3 around the phosphorylation site of serine 424 (K-E-SP-D-V).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



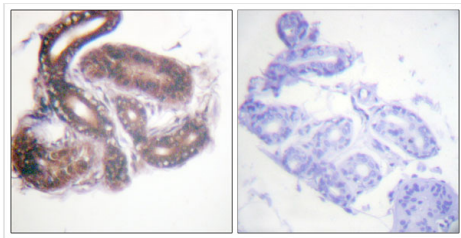
IF (Immunofluorescence)

TNF-α+ Immunofluorescence analysis of HeLa cells, treated with TNF-α (20nM, 15mins), using HDAC3 (Ab-424) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human skin tissue, using HDAC3 (Ab-424) antibody. Western blot analysis of extracts from NIH/3T3 cells, using HDAC3 (Ab-424) antibody.



Application Data
Peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-HDAC3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Dangond F., Biochem. Biophys. Res. Commun. 242:648-652(1998). Yang W.-M., J. Biol. Chem. 272:28001-28007(1997). Emiliani S., Proc. Natl. Acad. Sci. U.S.A. 95:2795-2800(1998). Gray S.G., J. Biol. Chem. 280:28507-28518(2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	13128862
NCBI GeneID	8841
NCBI Accession #	NP_003874.2
NCBI GenBank Nucleotide #	NM_003883.3
UniProt Accession #	O15379; O43268; Q9UEI5; Q9UEV0; D3DQE1
Molecular Weight	49,111 Da
NCBI Official Full Name	histone deacetylase 3 isoform 2
NCBI Official Synonym Full Names	histone deacetylase 3
NCBI Official Symbol	HDAC3
NCBI Official Synonym Symbols	HD3; RPD3; RPD3-2
NCBI Protein Information	histone deacetylase 3
UniProt Protein Name	Histone deacetylase 3
UniProt Gene Name	HDAC3
UniProt Synonym Gene Names	HD3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/hdac3/111773>